

# Et Arduino program eksempel (Blink)

Indledender forklaringer og kommentarer

```
/*  
  Blink  
  Turns on an LED on for one second, then off for one  
  second, repeatedly.  
  
  This example code is in the public domain.  
  */
```

Program funktion som køres *først* og kun *én gang*

```
void setup() {  
  // initialize the digital pin as an output.  
  // Pin 13 has an LED connected on most Arduino  
  boards:  
  pinMode(13, OUTPUT);  
}
```

Hoved program loop. Køres umiddelbart efter setup, og gentages kørt, indtil Arduinoen slukkes

```
void loop() {  
  digitalWrite(13, HIGH); // set the LED on  
  delay(1000);            // wait for a second  
  digitalWrite(13, LOW);  // set the LED off  
  delay(1000);            // wait for a second  
}
```

Start på en *kommentar* som først afsluttes når der skrives

/\*

(Samme program som ovenfor)

Blink  
Turns on an LED on for one second, then off for one second, repeatedly.

This example code is in the public domain.

\*/

Start på en *program blok* som først afsluttes når der skrives

void setup() {

// initialize the digital pin as an output.  
// Pin 13 has an LED connected on most Arduino boards:

pinMode(13, OUTPUT);

}

void loop() {

digitalWrite(13, HIGH); // set the LED on

delay(1000); // wait for a second

digitalWrite(13, LOW); // set the LED off

delay(1000); // wait for a second

}

Slut på en kommando

Resten af linien er en kommentar

Introduction, comments, copyright notices and whatever else the programmer want you to pay special attention to.

```
/*
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  second, repeatedly.

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  */
```

Arduino program function that runs *first*, and *only once*

```
void setup() {
  // initialize the digital pin as an output.
  // Pin 13 has an LED connected on most Arduino
  boards:
  pinMode(13, OUTPUT);
}
```

Main Arduino program loop. It runs directly *after* the setup routine, and it *keeps running* in a loop, until you turn off the Arduino.

```
void loop() {
  digitalWrite(13, HIGH); // set the LED on
  delay(1000);             // wait for a second
  digitalWrite(13, LOW);  // set the LED off
  delay(1000);             // wait for a second
}
```

